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[54] **DRYING DEVICE FOR GARMENTS**

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[58] **Field of Search** 34/148, 151, 200, 237, 34/239, 240; 211/181, 26, 35; 219/444, 467, 536; 248/231.9, 351; 439/527, 529, 530

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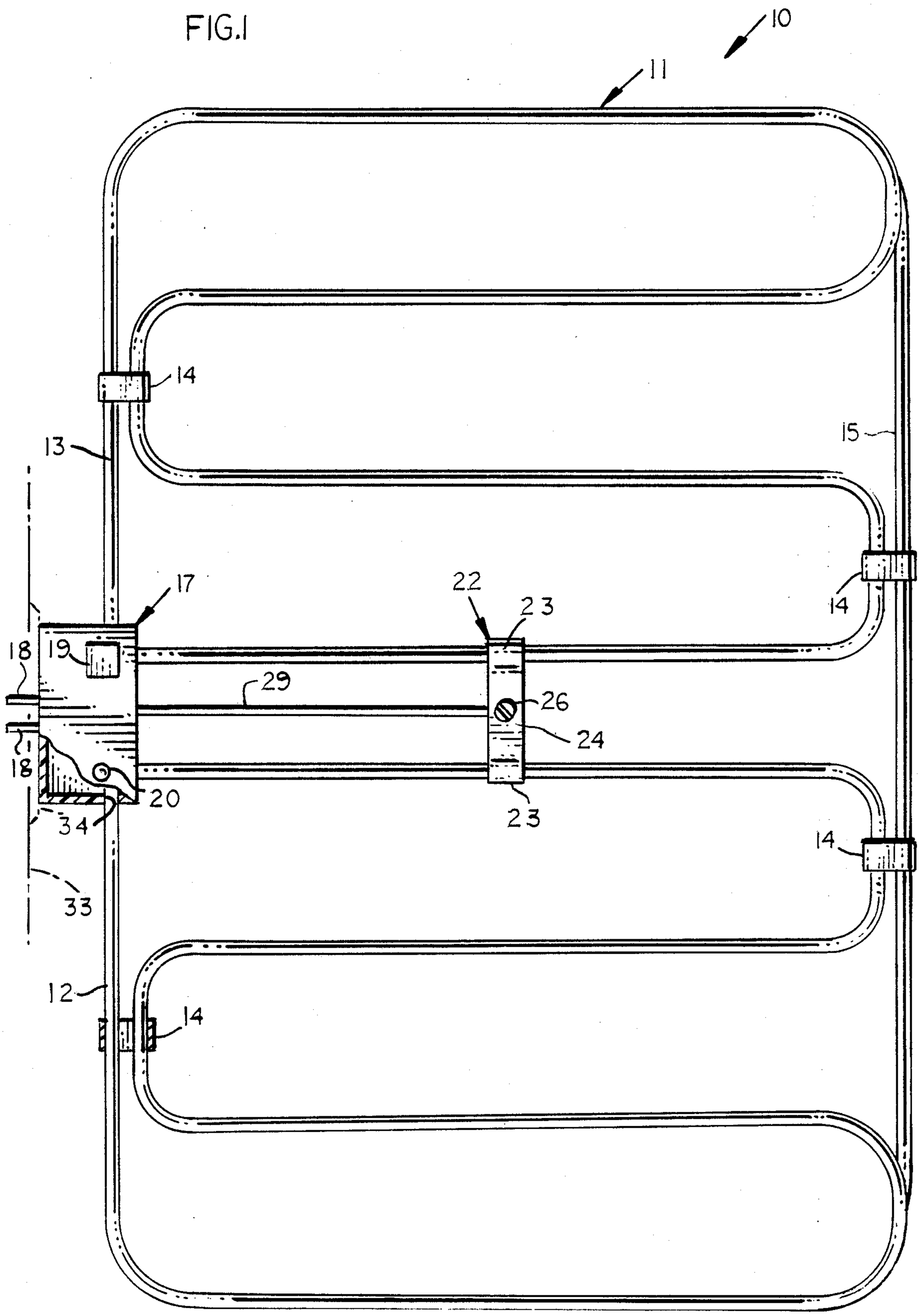
Primary Examiner—Harry B. Tanner

[57] **ABSTRACT**

A drying device for garments or other articles consists primarily of a frame composed of a pair of tubular heating elements, which support the garment or other article that is to be dried, and a thermostat is also included in the circuit of the heating elements for preventing the elements from becoming too hot. The device further includes a control box with a switch and an indication light, and prongs extend from the control box for plugging the device into an electrical outlet in a wall.

3 Claims, 2 Drawing Sheets

FIG.1



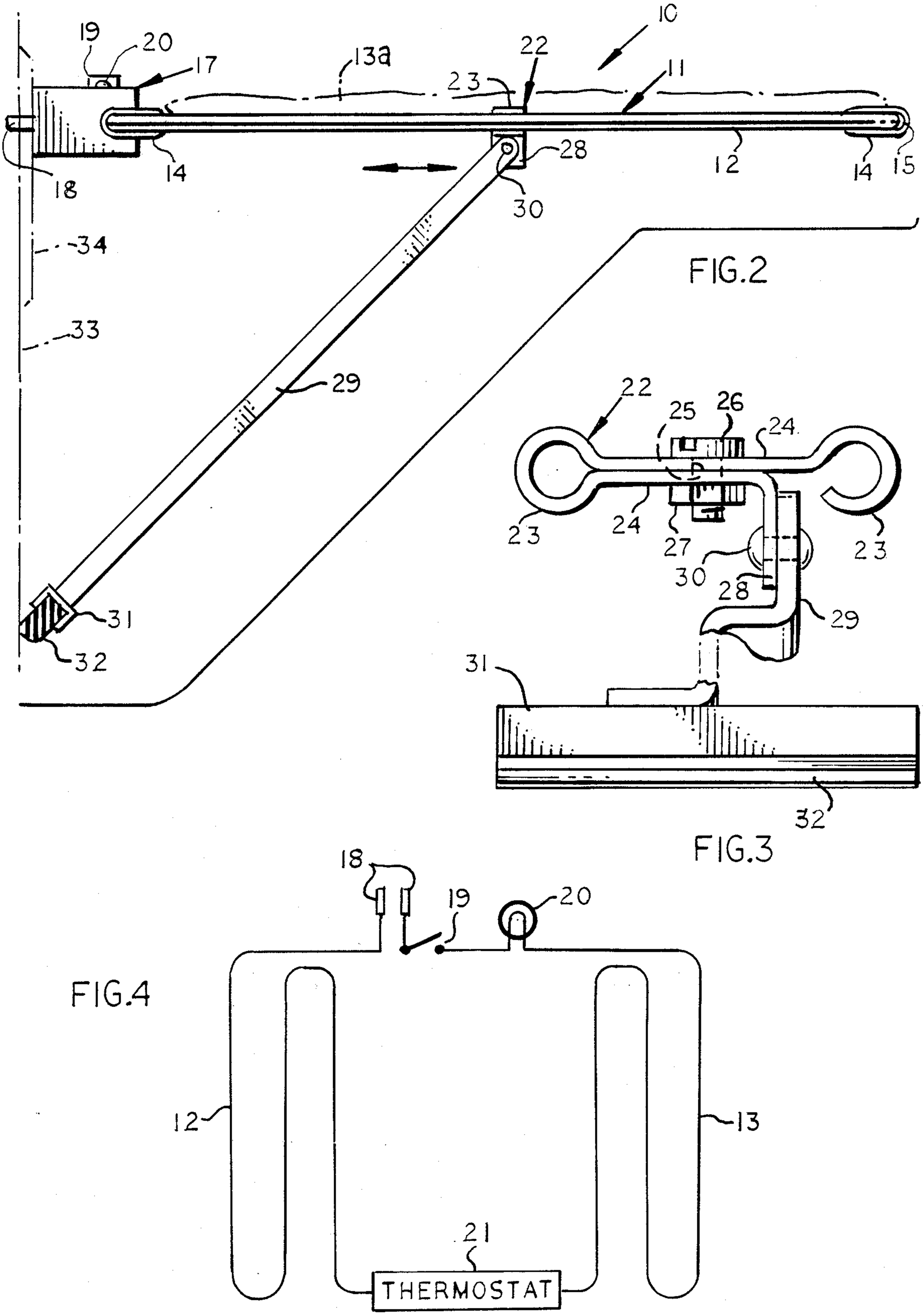


FIG.2

FIG.3

FIG.4

DRYING DEVICE FOR GARMENTS

BACKGROUND OF THE INVENTION

1. Field of the Invention

This invention relates to electrical dryers, and more particularly, to a drying device for garments.

2. Description of Prior Art

Dryers for many purposes are known in the art, and are of many types. The drying device in accordance with the present invention, is particularly adaptable for use in residences for drying wet articles after they have been washed, and the device is electrically operated.

The principal object of this invention is to provide a drying device for garments, which will be unique and novel, in that it will readily plug into a wall outlet receptacle in one's apartment or other type residence, when a person needs the article soon after washing same.

Another object of this invention is to provide a drying device for garments, which will be of such design, as to employ heating element means in the form of an open support frame that will support the garment or article while it is being dried, and thermostat means is included in the structure for controlling the heat, so as to prevent scorching or burning the garment while it is being dried thereon.

Another object of this invention is to provide a drying device for garments, which will be of such design, as to be foldable for compact storage, and it will include brace support means for the frame that comprises a pair of heating elements.

A further object of this invention is to provide a drying device for garments, which will also be attractive in appearance.

SUMMARY OF THE INVENTION

A drying device for garments, comprising a frame of a pair of tubular heating elements that are secured to a control box having an on-off switch and pilot light for indication means. The pair of heating elements are also secured to each other by a tubular portion and prongs are provided on the control box for plugging the device into a wall outlet receptacle. The frame of heating elements further serve as support means for the article or garment being dried, and an adjustable support support brace is also provided for solid support of the pair of heating elements against the wall containing the outlet receptacle.

DESCRIPTION OF FIGURES

FIG. **1** is a top plan view of the present invention, shown partly in section and illustrating a wall outlet receptacle in phantom;

FIG. **2** is a side view of FIG. **1**, shown in elevation and illustrating an article thereon, in phantom;

FIG. **3** is enlarged fragmentary front view of the brace clamp and brace rod combination, shown in elevation and removed from the heating elements of the invention, and

FIG. **4** is a schematic wiring diagram of the invention.

DETAILED DESCRIPTION

Accordingly, a device **10** is shown to include a frame **11** composed of a pair of tubular heating elements **12** and **13** having clamps **14** thereon, and a longitudinal side tube **15** is fixedly secured in a suitable manner, to

both heating elements, **12** and **13** at both ends. A pair of the clamps **14** also engage tube **15** and the elements **12** and **13**, providing extra longitudinal rigidity to the structure or frame **11** formed by the heating elements **12** and **13**, so as to safely support an article **13***a* that is to be quickly dried, as is illustrated in FIG. **2** of the drawings. The front ends of the heating elements **12** and **13**, are suitably secured within side openings **16** through control box **17**, which is preferably fabricated of a suitable plastic, and the heating elements **12** and **13** are secured to prongs **18** through on-off switch **19**, indication or pilot lamp **20**, and a thermostat **21**, the thermostat **21** being provided to regulate the temperature of the heating elements **12** and **13**, so as to prevent scorching or burning the article **13***a* when it is being dried by device **10**.

A brace clamp **22** includes eye portions **23** formed in its flat portions **24**, which slidingly engage with the outer peripheral surfaces of both heating elements **12** and **13** at the center portion of the frame **11**, and an opening **25** through flat portions **24**, receives a screw fastener **26** that holds brace clamp **22** tight on the elements **12** and **13**, by means of the nut fastener **27** received thereon. The bottom flat portion **25** of clamp **22** includes a downwardly formed lip **28** that engages with one end of a pivotal brace rod **29**, and brace rod **29** is pivotally secured to lip **28** by a rivet fastener **30**. The opposite or lower end of brace rod is fixedly secured to outside of the base portion of a channel member **31**. A rubber strip **32** is frictionally engaging with wall **33** having an electrical outlet receptacle **34** therein, and strip **32** prevents brace rod **29** from moving on wall **33**, thus, providing maximum support for frame **11**, so as to prevent device **10** from falling under the weight of the article or articles **13***a*.

In use, the control box **17** is held in user's hand and the prongs **18** are pushed into the openings provided in the outlet receptacle **34** on wall **33**. The brace rod **29** is then pivoted forward and upward until the rubber strip **32** firmly engages with the wall **33** under the receptacle **34**. The switch **19** is then pushed to its on position for closing the circuit of heating elements **12** and **13**, which will be indicated by the pilot lamp **20**. The article or articles **13***a* are then placed on the top of the frame **11**, where they will dry in a short time. Where necessary, the brace clamp **22** may be urged forward or rearward as desired, by loosening the screw fastener **25**.

While various changes may be made in the detailed construction, such changes will be within the spirit and scope of the present invention, as defined by the appended claims.

What we claim is:

1. A garment drying device comprising an electrically heated garment support frame, a control box secured to said frame, and a brace rod to support said frame against a wall having an electrical wall outlet receptacle disposed therein;

said garment support frame comprising a pair of heating elements being coupled electrically in series and fixedly secured to a pair of prongs projecting from and fixedly secured to said control box, said prongs being detachably receivable in said wall outlet receptacle;

the end of said brace rod is disposed adjacent to said wall having a channel member fixedly attached thereto, said channel member including a rubber

strip disposed therein which frictionally engages said wall to hold said device in place;

the end of said brace rod that is disposed adjacent to the heating elements of said device being pivotally attached thereto by means of a brace clamp, said brace clamp being attached to said heating element in slideably engagement therewith, said brace clamp being adjustably secured to said heating elements by screw fastener means.

2. A garment drying device as described in claim 1 including longitudinal side tubes disposed at the proximal and distal ends of said drying device in substantially parallel relation to said wall, said longitudinal side tubes being fixedly secured to the support frame of said drying device thereby providing additional rigidity for said garment support frame.

3. A garment drying device comprising an electrically heated garment support frame, a control box secured to said frame, and a brace rod to support said frame against a wall having an electrical wall outlet receptacle disposed therein;

said garment support frame comprising a pair of heating elements being coupled electrically in series and fixedly secured to a pair of prongs projecting from and fixedly secured to said control box, said prongs being detachably receivable in said wall outlet receptacle;

the end of said brace rod that is disposed adjacent to said wall having a channel member fixedly attached thereto, said channel member including a rubber strip disposed therein frictionally engages said wall to hold said device in place;

the end of said brace rod that is disposed adjacent to the heating elements of said device being pivotally attached thereto by means of a brace clamp, said brace clamp being attached to said heating element in slideably engagement therewith and said brace clamp being pivotally attached to said brace rod by fastener means transversely disposed through said brace rod and lip portion of said brace clamp, said brace clamp being adjustably secured to said heating elements by screw fastener means.

said garment drying device including longitudinal side tubes disposed at the proximal and distal ends of said drying device in substantially parallel relation to said wall, said longitudinal side tubes being fixedly secured to the support frame of said drying device by clamp fastener means thereby providing additional rigidity for said garment support frame.

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